CRYSTALLIZATION STEP

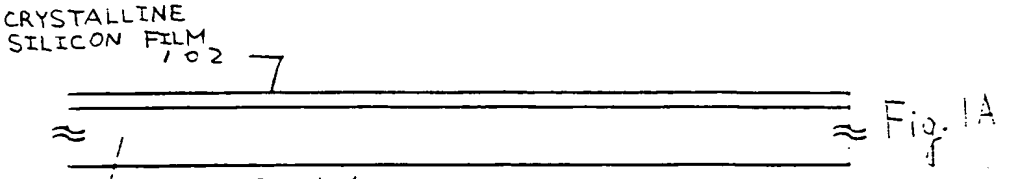

Fig. 1A

LASER IRRADIATION STEP

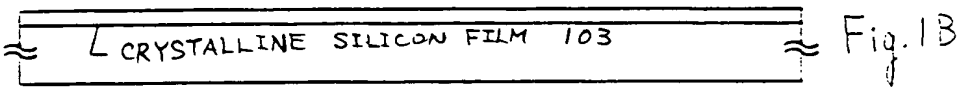

Fig. 1B

HEAT TREATMENT STEP IN REDUCING ATHOSPHERE

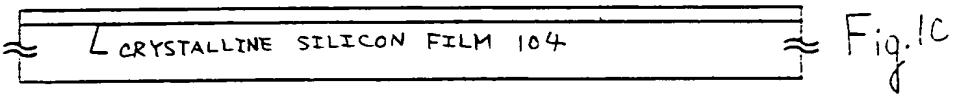

Fig. 1C

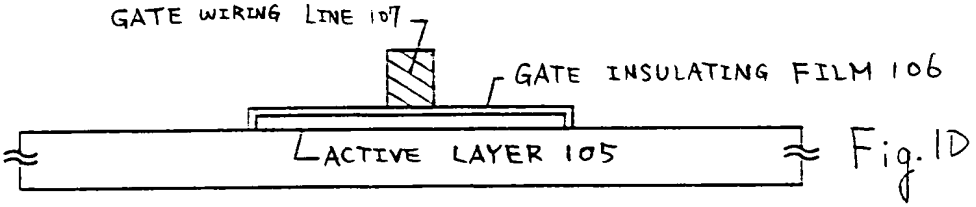

Fig. 1D

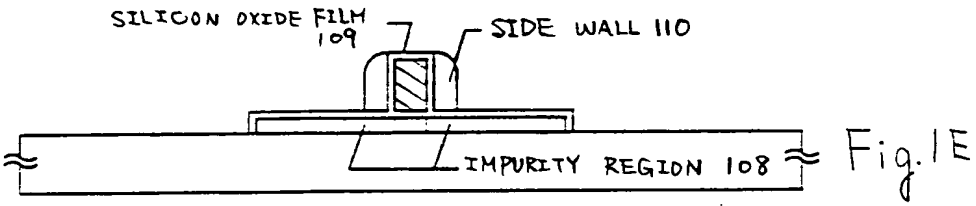

Fig. 1E

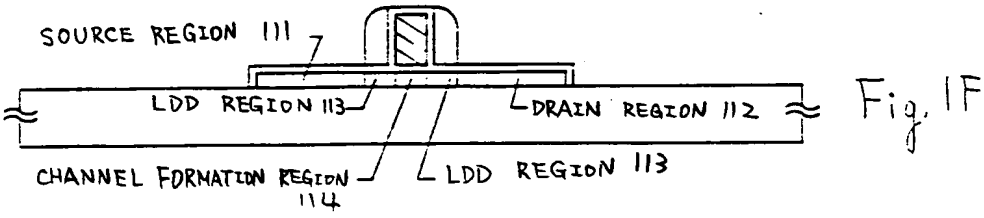

Fig. 1F

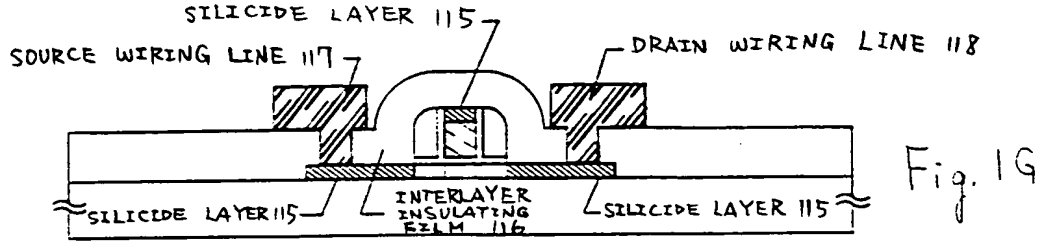

Fig. 1G

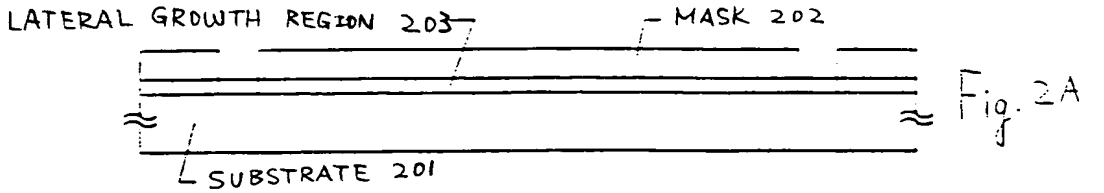

Fig. 2A

ADDING STEP OF PHOSPHORUS

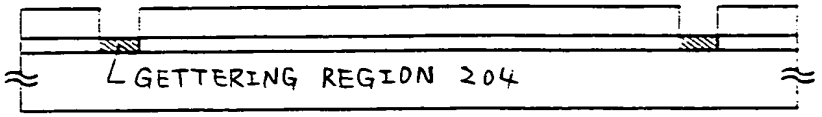

Fig. 2B

GETTERING STEP

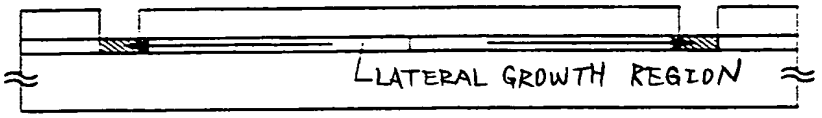

Fig. 2C

HEAT TREATMENT STEP IN REDUCING ATMOSPHERE

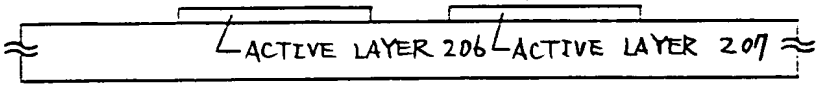

Fig. 2D

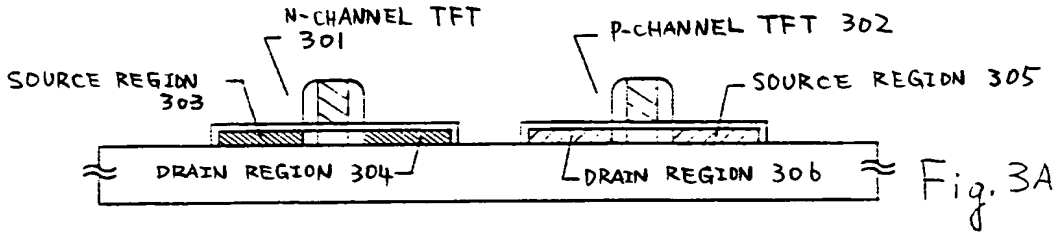

Fig. 3A

GETTERING STEP

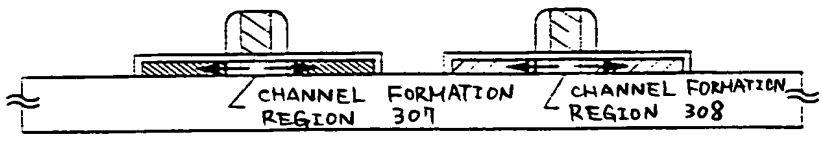

Fig. 3B

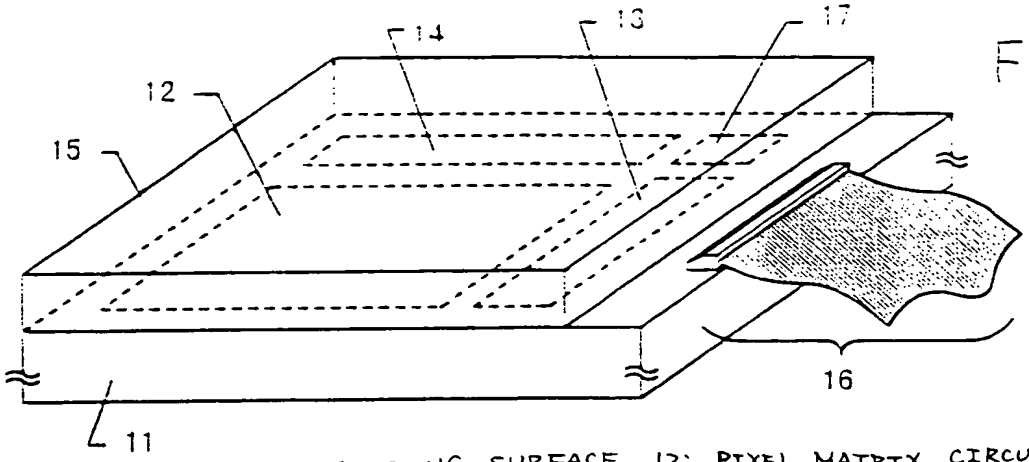

Fig. 1A

11: SUBSTRATE HAVING INSULATING SURFACE 12: PIXEL MATRIX CIRCUIT
13: SOURCE DRIVER CIRCUIT 14: GATE DRIVER CIRCUIT
15: OPPOSITE SUBSTRATE 16: FPC 17: SIGNAL PROCESSING CIRCUIT

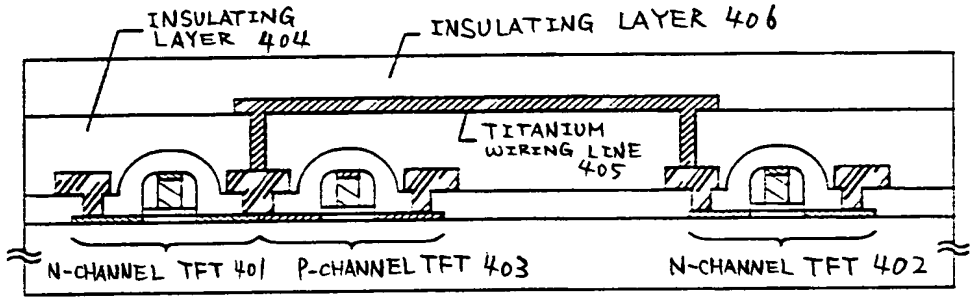

Fig. 4B

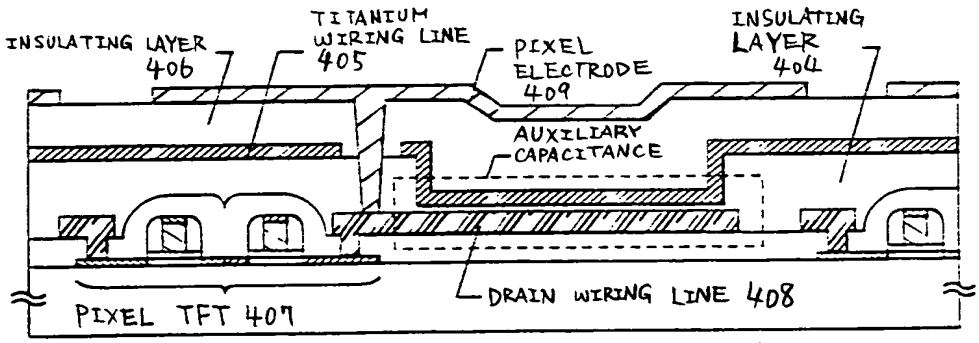

Fig. 4C

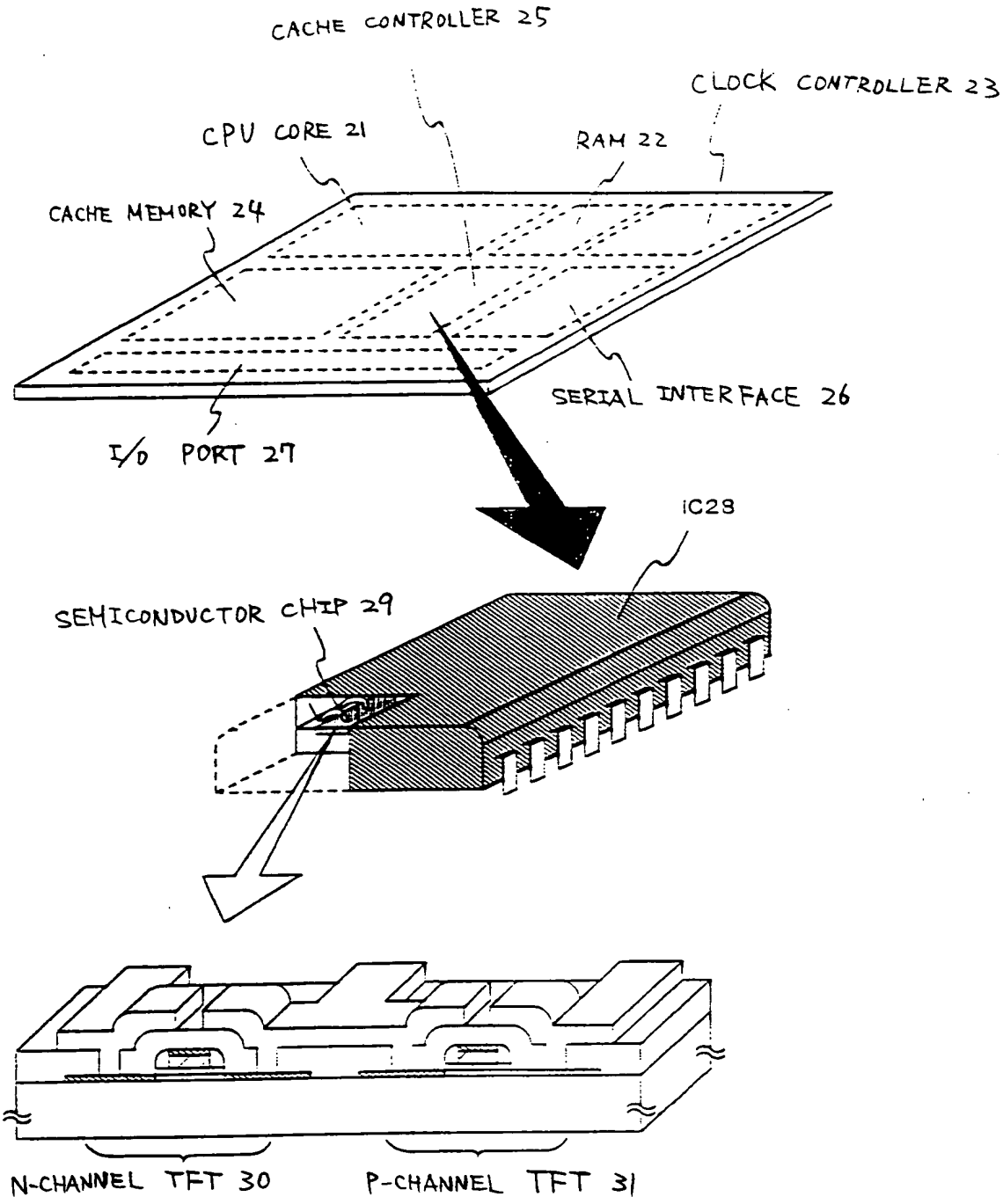
CACHE CONTROLLER 25
CLOCK CONTROLLER 23
CPU CORE 21
RAM 22
CACHE MEMORY 24
SERIAL INTERFACE 26
I/O PORT 27
IC28
SEMICONDUCTOR CHIP 29
N-CHANNEL TFT 30
P-CHANNEL TFT 31

Fig. 5

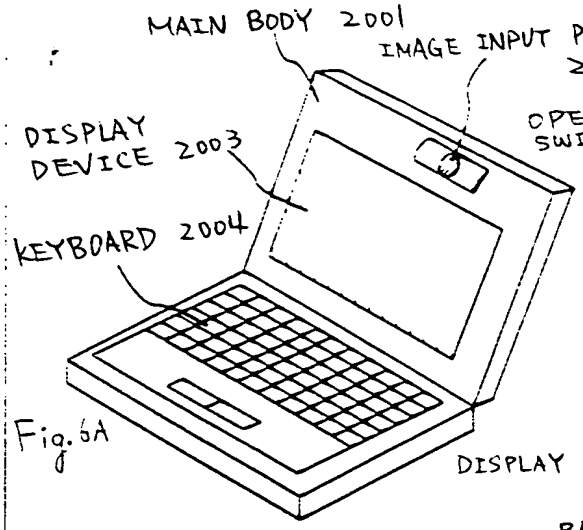

Fig. 6A

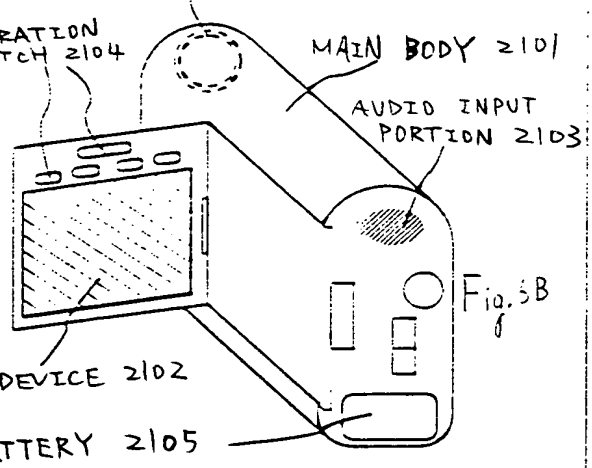

Fig. 6B

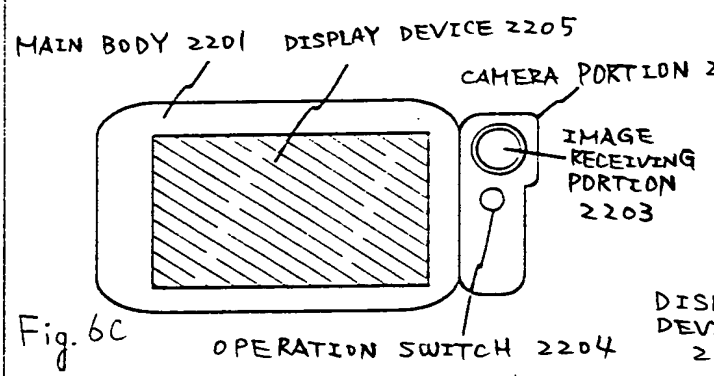

Fig. 6C

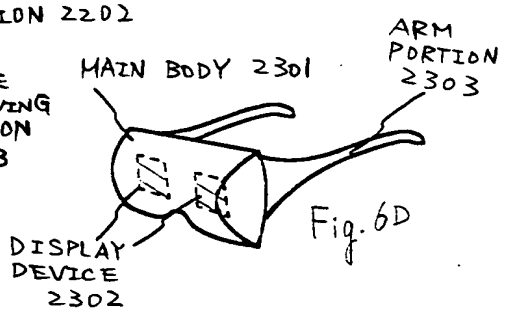

Fig. 6D

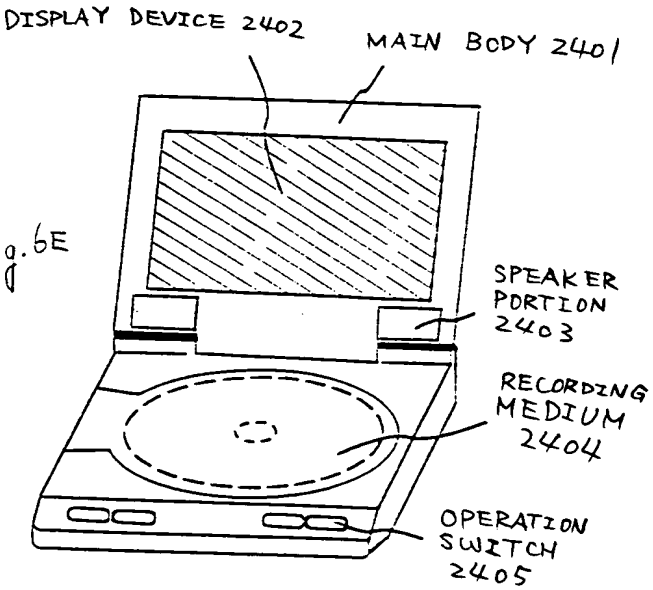

Fig. 6E

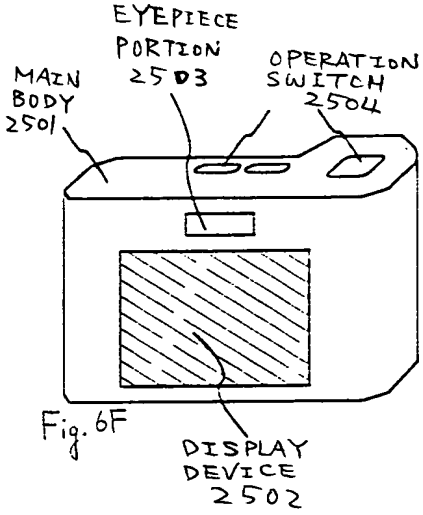

Fig. 6F

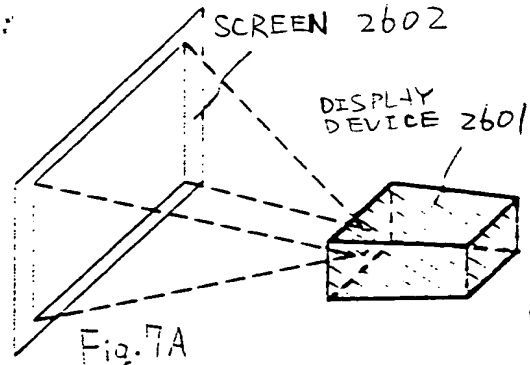

Fig. 7A

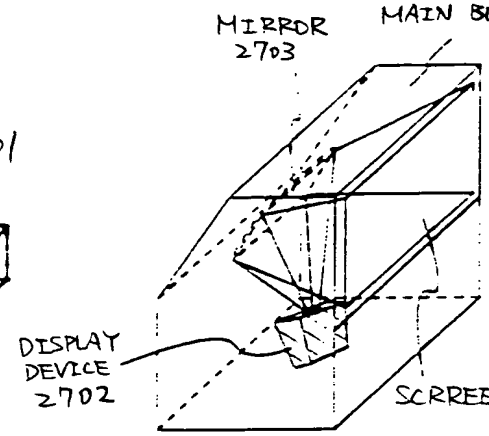

Fig. 7B

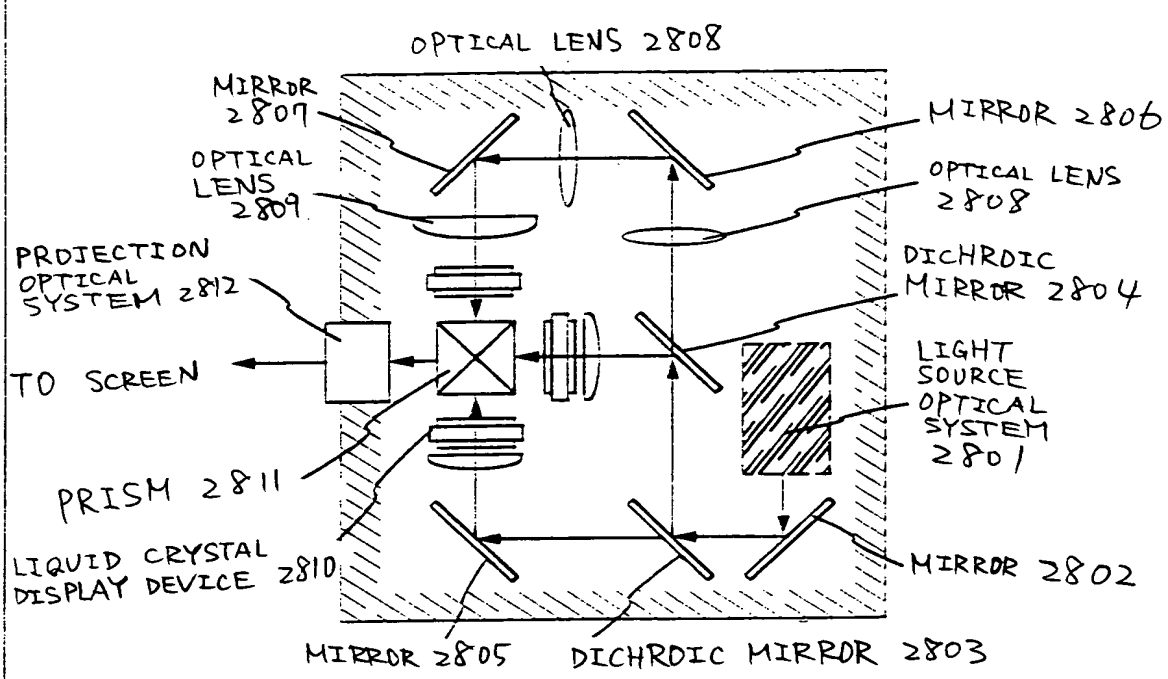

Fig. 7C DISPLAY DEVICE (THREE-PLATE TYPE)

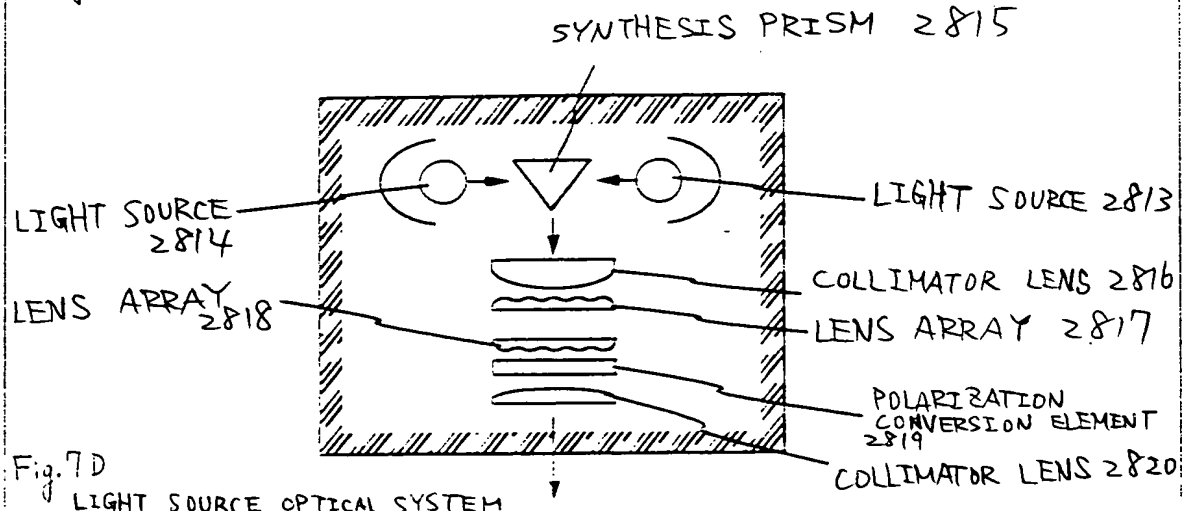

Fig. 7D
LIGHT SOURCE OPTICAL SYSTEM

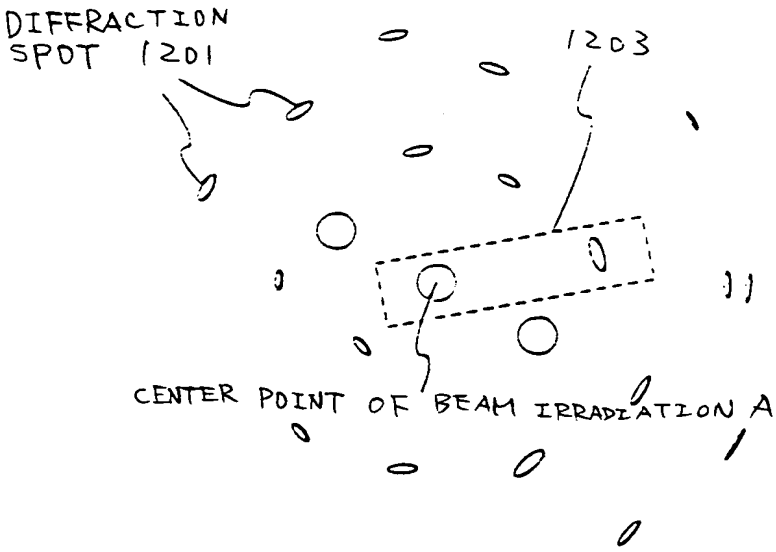
DIFFRACTION SPOT 1201
1203
CENTER POINT OF BEAM IRRADIATION AREA 1202

Fig. 3A

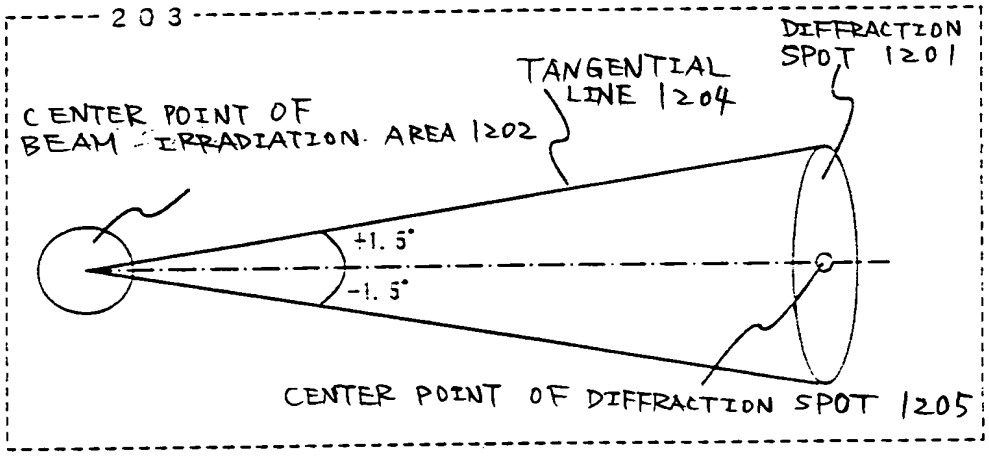
203
DIFFRACTION SPOT 1201
TANGENTIAL LINE 1204
CENTER POINT OF BEAM IRRADIATION AREA 1202
+1.5°
-1.5°
CENTER POINT OF DIFFRACTION SPOT 1205

Fig. 3B

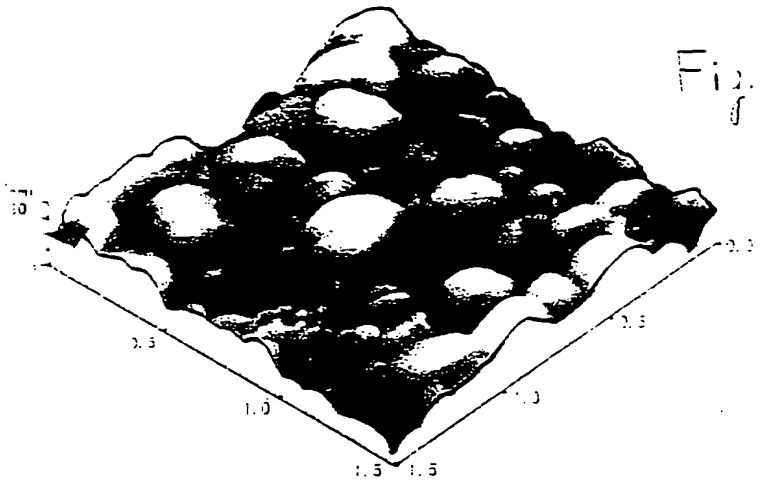

Fig. 13

AFTER HIGH TEMPERATURE ANNEALING

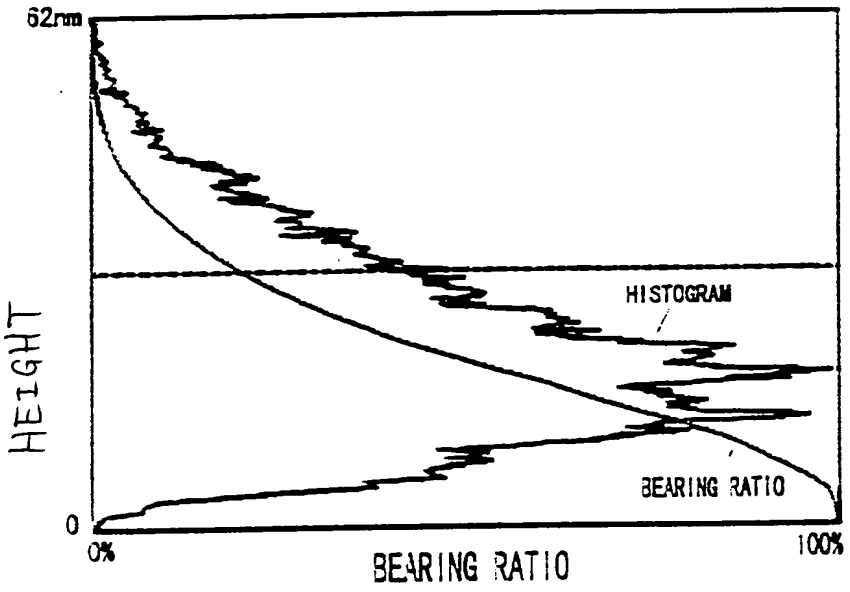

Fig. 14

BEFORE HIGH TEMPERATURE ANNEALING

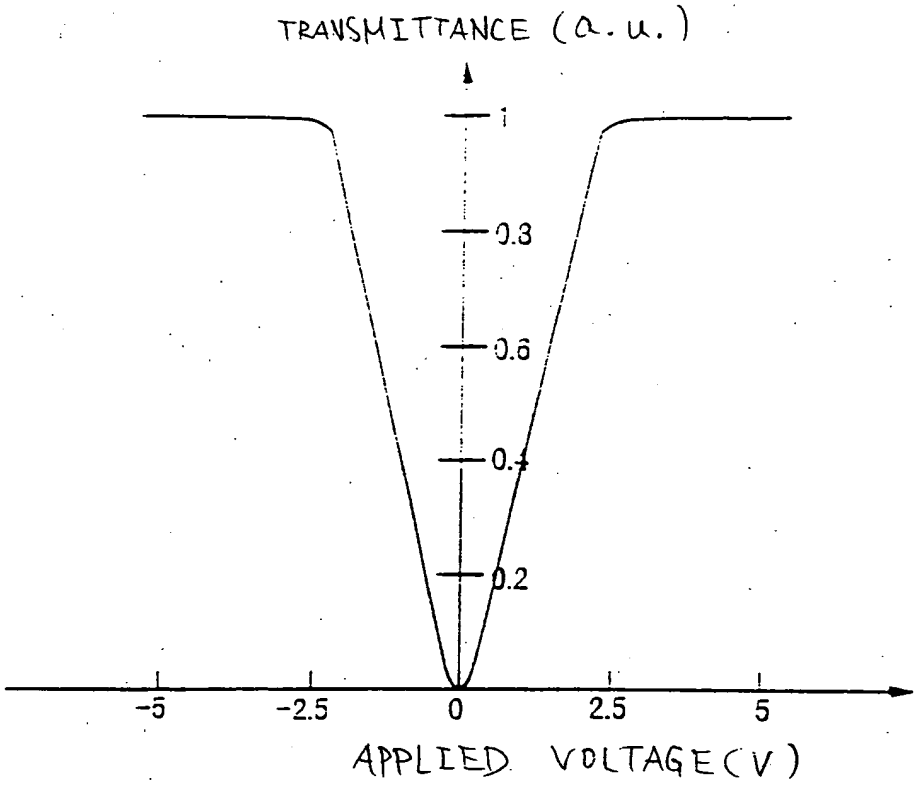

Fig. 9

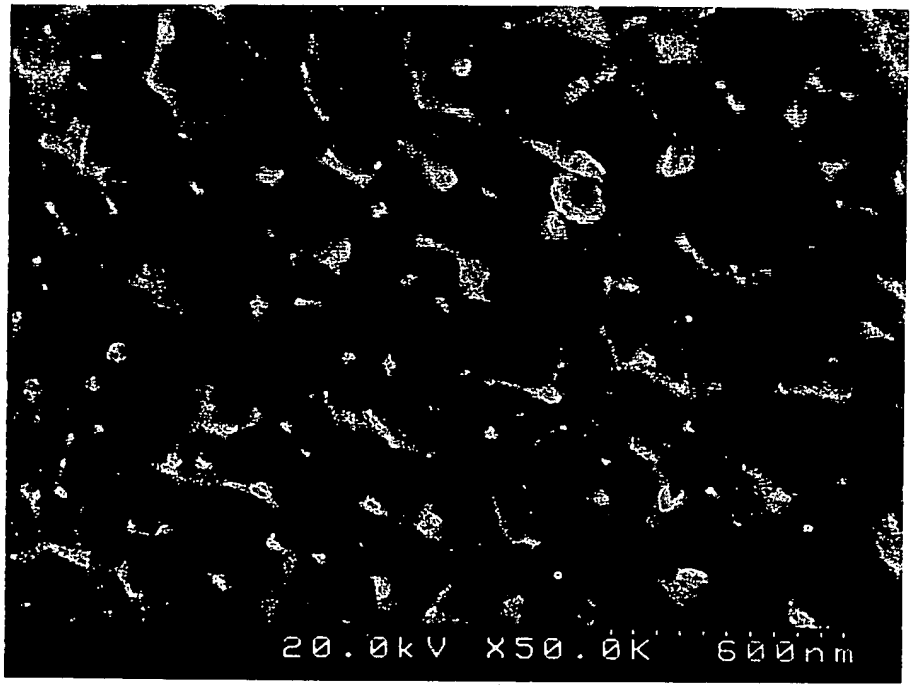

Fig. 10

BEFORE HIGH TEMPERATURE ANNEALING

Fig.11

AFTER HIGH TEMPERATURE ANNEALING

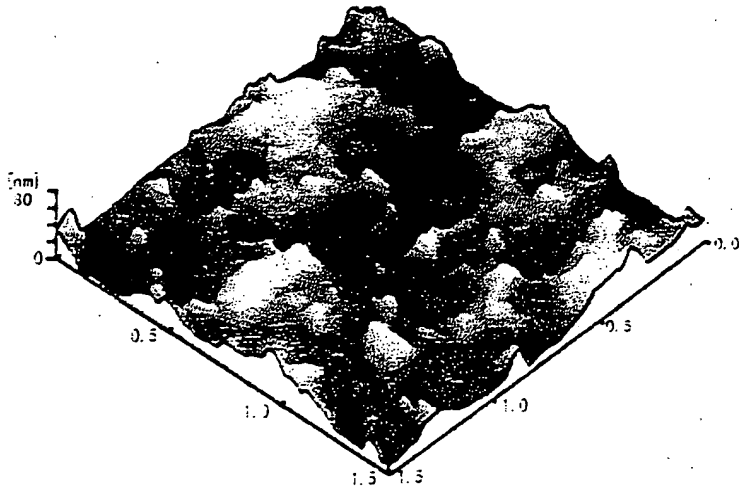

Fig.12

BEFORE HIGH TEMPERATURE ANNEALING

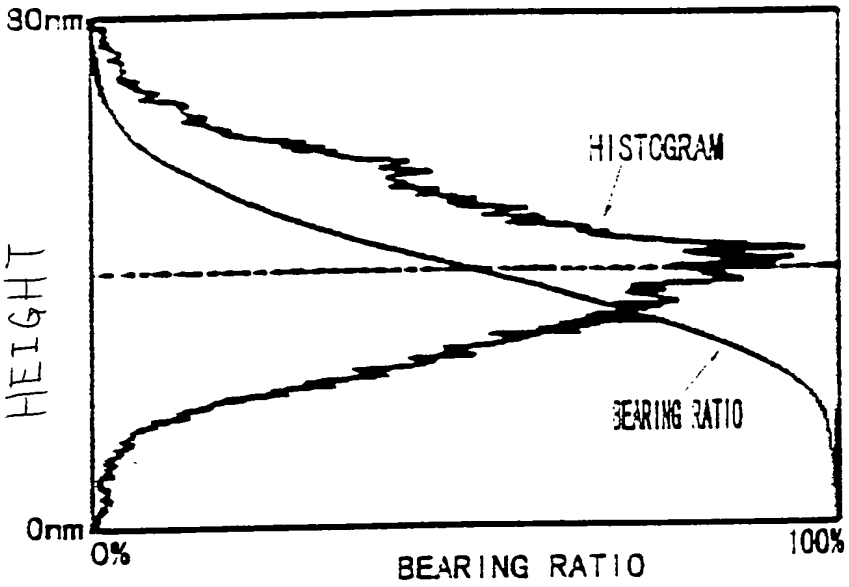

Fig. 15

AFTER HIGH TEMPERATURE ANNEALING

OBSERVATION REGION	BEFORE HIGH TEMPERATURE ANNEALING	AFTER HIGH TEMPERATURE ANNEALING
1	13.623	40.925
2	20.027	51.126
3	20.629	59.364
4	21.798	48.539
5	16.666	55.341
6	15.097	46.510
7	13.120	57.655
8	14.035	51.120
9	12.599	54.416
10	20.699	36.945
MINIMUM VALUE (%)	12.60	36.95
MAXIMUM VALUE (%)	21.80	59.36
AVERAGE VALUE (%)	16.83	50.19
STANDARD DEVIATION σ	3.61	7.18

Fig. 16

BEARING RATIO AT 2^{-1}(P-V VALUE) (%)